

IN THE CLAIMS:

Please substitute the following claims for the like-numbered claims that are presently pending in the above-identified application. Marked up versions of each of the amended claims, indicating all of the changes relative to the previous versions, are included in the paper entitled Version with Markings to Show Changes, accompanying this amendment.

Please cancel Claim 3.

4. (Amended) The multi-pole high speed generator of Claim 1, wherein each of the end caps includes a plurality of radially circumferentially spaced openings around a peripheral raised edge of the end caps to selectively receive weights therein to balance the rotor.

5. (Amended) The multi-pole high speed generator of Claim 2, wherein each of the end caps include an end cap bore that is substantially centered in the end wall portion.

6. (Amended) The multi-pole high speed generator of Claim 5, wherein the end cap bore and the annular flange are shrunk fit, respectively, around the shaft and over axial ends of the at least one support wedge, each end cap sealing at least an end of the rotor and restraining the at least one support wedge on the rotor.

Please cancel Claim 7.

8. (Amended) A multi-pole high speed generator, comprising:

a shaft having an axial bore with at least one orifice extending radially from the bore at each of a first and second end thereof;

a rotor mounted on the shaft, the rotor having a plurality of poles and at least one support wedge positioned between each of the poles, the at least one support wedge having at least one inlet supply port and at least one outlet supply port open to at least one axial channel in the at least one support wedge;

a first end cap disposed over a first axial end of the at least one support wedge and having radial fluid flow galleries extending from the at least one orifice at the second end of the shaft through which fluid exits the shaft to the at least one inlet supply port in each of the at least one support wedge and a second end cap disposed over a second axial end of the at least one support wedge and having radial fluid flow galleries extending from the at least one outlet supply port in the at least one support wedge to the at least one orifice at the first end of the shaft through which fluid enters the shaft before exiting the rotor.

12. (Amended) The end cap for a multi-pole high speed generator of Claim 9, wherein the paired end cap openings are arranged along a radial line in the end wall and at least one of the openings in each pair serves as a cooling medium feed port.

14. (Amended) The end cap for a multi-pole high speed generator of Claim 9, wherein the end cap further includes a manifold at a hub location formed on an interior portion of the end cap.